



Pennsylvania Department of Environmental Protection

400 Waterfront Drive
Pittsburgh, PA 15222-4745
July 9, 2003

Southwest Regional Office

412-442-4000
Fax 412-442-4194

CERTIFIED MAIL NO. 7099 3400 0017 1444 9142

Mr. Stephen Klesic, President
United Environmental Group, Inc.
241 McAleer Road
Sewickley, PA 15143

Re: United Environmental Group, Inc.
Ohio Township
Allegheny County
PAD987283140
APS No. 11861
Authorization No. 11254

Dear Mr. Klesic:

The Department of Environmental Protection (DEP) has tentatively decided to issue a Draft Hazardous Waste Storage and Treatment Permit to United Environmental Group, Inc.'s Ohio Township facility. Enclosed for your review are copies of the draft permit fact sheet and public notice announcing this tentative decision. In accordance with 25 Pa. Code Section 270a80, a 45-day comment period is required for this proposed action. Please submit any comments you have to this office on this matter within 45 days of receipt of this letter.

Sincerely,

Michael G. Forbeck, P.E.
Facilities Manager
Waste Management

Enclosure

cc: ✓USEPA (w/enclosure)
Ohio Township (w/enclosure)



FACT SHEET
FOR DRAFT HAZARDOUS WASTE PERMIT

This fact sheet has been developed for the draft Solid Waste Management Act permit which the Commonwealth of Pennsylvania, Department of Environmental Protection (DEP) intends to issue to United Environmental Group, Inc. in Ohio Township, Allegheny County.

A. PURPOSE OF THE PERMITTING PROCESS

The purpose of the permitting process is to afford the Commonwealth of Pennsylvania (DEP), interested citizens and other governmental agencies the opportunity to evaluate the ability of the Permittee to comply with the applicable hazardous waste management requirements promulgated under the Solid Waste Management Act. DEP is required to prepare a draft permit which sets forth in one concise document all the applicable requirements with which the State intends to require the Permittee to comply during the ten-year duration of the permit. The public is given forty-five days to review the application and comment on the draft permit conditions prior to DEP taking any final action on the application for a hazardous waste management permit.

B. PROCEDURES FOR REACHING A FINAL DECISION

25 Pa. Code Section 270a.80 requires that the public be given forty-five (45) days to comment on each draft permit prepared under the Solid Waste Management Act. The comment period will begin on July 9, 2003 and will end on August 23, 2003. Any person interested in commenting on the application or draft permit must do so within this forty-five (45) day comment period. All persons wishing to comment on any of the permit conditions or the permit application should submit the comments in writing to the Department of Environmental Protection (DEP), Waste Management, 400 Waterfront Drive, Pittsburgh, Pennsylvania 15222-4745; Attention: Anthony D. Orlando, Program Manager. Comments should include all reasonably available references, factual grounds and supporting material.

In the event DEP receives written notice of opposition to the draft permit and a request for a public hearing within the comment period referenced above, a hearing shall be scheduled at a location convenient to the population center nearest to the proposed facility. Public notice of the public hearing shall be given at least 30 days before the hearing. Any requests for a public hearing accompanied by written opposition to the draft permit should be addressed to Anthony D. Orlando, Program Manager, Waste Management, Department of Environmental Protection, 400 Waterfront Drive, Pittsburgh, PA 15222-4745.

When making a determination regarding the issuance of a hazardous waste permit to United Environmental Group, Inc., DEP will consider all written comments received during the comment period, any oral or written statements received during the public hearing (if requested), the requirements of the hazardous waste regulations of 25 Pa. Code Chapters 260a-270a and the DEP's permitting policies.

At the time that a permit is issued, DEP also will issue a response to comments. This response will specify any provisions of the draft permit which were changed in the final permit decision and the reasons for the change. DEP will present a response to all significant comments on the draft permit that are raised during the public comment period or during any hearing. DEP will make the response available to the public as required in 25 Pa. Code Section 270a.10(c)(14).

C. FACILITY DESCRIPTION

The facility conducts commercial Hazardous Waste Storage and Treatment. Container and tank storage/treatment is related to primarily petroleum based fluids and sludges and includes oil and fuel recovery and biological treatment. The facility (previously known as Penn Tank Disposal) has been in operation since 1988. The hazardous waste management activities performed at this site became regulated in 1993. The facility also operates under a residual waste transfer/processing permit.

D. PERMIT ORGANIZATION

The permit is divided into four sections as outlined below.

<u>Section</u>	<u>Topic</u>
Part I	Standard Conditions
Part II	General Facility Conditions
Part III	Container Storage Conditions
Part IV	Tank Storage/Treatment Conditions

Parts I and II contain conditions which generally apply to all hazardous waste facilities. Parts III and IV pertain specifically to the processes used at the hazardous waste facility in Ohio Township, Allegheny County.

E. SUMMARY OF THE PERMIT CONDITIONS

This section of the fact sheet consists of four Parts (as listed above in Section D) which provide a list of the conditions in the draft permit. Within each part, the column titled "Regulation" provides the state regulatory authority for the permit condition specified in the column titled "Permit Condition." For convenience in reviewing the permit application, the column headed "Location in Application" is provided. The permit application cited in this section is the November 25, 1997 permit application, as amended on June 10, 1998, December 8, 1999, July 14, 2000 and November 28, 2000 and the slope monitoring plan dated June 19, 2003.

F. JUSTIFICATIONS FOR NOT INCLUDING CERTAIN PERMIT CONDITIONS

A Floodplain Standard Permit Condition was not included since the facility is not in the floodplain of Bear Run.

PART I

STANDARD CONDITIONS

Part I of the permit sets forth the standard procedural conditions that are applicable to all hazardous waste management facilities. Federal regulatory citations listed below refer to provisions of Title 40 of the Code of Federal Regulations (40 CFR) that have been incorporated by reference into Title 25 of the Pennsylvania Code (25 Pa. Code).

<u>Permit Condition</u>	<u>Subject</u>	<u>(25 Pa. Code)</u>	<u>40 CFR</u>
I.A	Effect of Permit	270a.4 270a.32	270.4(b)
I.B	Permit Actions	270a.41 - 270a.43	270.40, 270.41 - 270.43
I.C	Severability	Act 97	
I.D	Definitions	260a.10, 270a.2	260.10, 270.2
I.E	Reports, Notifications, and Submissions to the Department		270.30(l)
I.F	Signatory Requirement	270a.10(c)(2)	40 CFR 270.11 40 CFR 270.30(k)
I.G	Documents to be Maintained at Facility Site		264.16(d) 264.53(a) 264.112(a), (b) 264.73 264.15(b)(2)
I.H	Duties and Requirements		
I.H.1	Duty to Comply		270.30(a)
I.H.2	Duty to Reapply		270.10(h) 270.30(b)
I.H.3	Permit Expiration		270.30(b)

<u>Permit Condition</u>	<u>Subject</u>	<u>(25 Pa. Code)</u>	<u>40 CFR</u>
I.H.4	Need to Halt or Reduce Activity Not a Defense		270.30(c)
I.H.5	Duty to Mitigate		270.30(c)
I.H.6	Proper Operation and Maintenance		270.30(e)
I.H.7	Duty to Provide Information		264.74(a) 270.30(h)
I.H.8	Inspection and Entry		270.30(i)
I.H.9	Monitoring and Records		270.30(j)
I.H.10	Reporting Planned Changes		270.30(f) 270.30(l)(1),(2)
I.H.11	Anticipated Noncompliance		270.30(l)(2)
I.H.12	Transfer of Permits		270.30(l)(3), 270.40
I.H.13	Twenty-Four Hour Reporting	264a.56	264.56(d), (j) 270.30(l)(6)
I.H.14	Other Noncompliance		270.30(l)(10)
I.H.15	Other Information		270.30(l)(11)
I.I	Documents to be Submitted Prior to Operation		270.15 (containers) 270.16 (tanks) 270.33(a)(3)
I.J	Compliance Schedule Reporting		270.30(l)(5) 270.33(a)
I.K	Certification of Construction or Modification		270.30(k)

PART II

GENERAL FACILITY CONDITIONS

Part II of the permit sets forth general conditions for this facility with which the Permittee must comply. Federal regulatory citations listed below refer to provision of Title 40 of the Code of Federal Regulations (40 CFR) that have been incorporated by reference into Title 25 of the Pennsylvania Code (25 Pa. Code). NOTE: N.C. = NOT COVERED - the application is not required to cover this topic.

<u>Permit Condition</u>	<u>Subject</u>	<u>(25 Pa. Code)</u>	<u>40 CFR</u>	<u>Location in Application</u>
II.A	Design and Operation of the Facility		264.31	Section 3 & 4
II.B	General Waste Analysis	264a.13	264.13	Section 7
II.C	Specific Waste Analysis	264a.13	264.13	Section 7
II.D	Security		264.14	Section 5
II.E	General Inspection Requirements	264a.15	264.15	Section 12
II.F	Personnel Training		264.16	Section 8
II.G	Preparedness and Prevention		264.31-264.37	Section 6
II.G.1	Required Equipment		264.32	Section 12
II.G.2	Testing and Maintenance of Equipment		264.33	Section 12
II.G.3	Access to Communications or Alarm System		264.34	Section 12
II.G.4	Required Aisle Space		264.35	Section 11
II.G.5	Arrangements with Local Authorities		264.37	Section 6
II.H	Preparedness, Prevention and Contingency (PPC) Plan	264a.56	264.51-264.56	Section 6
II.H.1	Implementation of PPC Plan	264a.56	264.56	Section 6

<u>Permit Condition</u>	<u>Subject</u>	<u>(25 Pa. Code)</u>	<u>40 CFR</u>	<u>Location in Application</u>
II.H.2	Copies of Plan		264.53	Section 13
II.H.3	Amendments to Plan		264.54	Section 13
II.H.4	Emergency Coordinator		264.55	Section 6
II.H.5	Emergency Procedures	264a.56	264.56	Section 6
II.I	Recordkeeping and Reporting			
II.I.1	Operating Record		264.73	Section 13
II.I.2	Biennial Report	264a.75	264.75	Section 13
II.I.3	Required Reports		264.77	Section 13
II.J	Closure	264a.115	264.110-264.115	Section 9
II.J.1	Performance Standard		264.111	Section 14
II.J.2	Amendment to Closure Plan		264.112(c)	Section 9
II.J.3	Notification of Closure		264.112(d)	Section 9
II.J.4	Time Allowed for Closure		264.113(a),(b), (c)	Section 9
II.J.5	Disposal or Decontamination of Equipment		264.114	Section 14
II.J.6	Certification of Closure	264a.115	264.115	Section 14
II.K	Cost Estimate for Facility Closure		264.142	Section 10
II.K.1	Annual Adjustment		264.142(b)	Section 10
II.K.2	Adjustment for Changed Conditions		264.142(c)	Section 10
II.K.3	Availability		264.112(a),(b)	Section 10

<u>Permit Condition</u>	<u>Subject</u>	<u>(25 Pa. Code)</u>	<u>40 CFR</u>	<u>Location in Application</u>
II.K.4	Incapacity of Permittee or Financial Institutions	264a.148	264.148	Section 10
II.L	Bonding Requirements	264a.153 264a.158		Section 10
II.M	Liability Insurance	264a.147	264.147	Section 10
II.N	Required Notices			
II.N.1	Notice to the Department		264.12(a)(1)	
II.N.2	Notice to Generator		264.12(b)	
II.O	General Requirements for Ignitable, Reactive or Incompatible Waste		264.17	
II.P.	Manifest System	264a.71	264.70-264.72	
II.Q	Act 108 Requirements	Act 108		
II.R	Maximum Daily Volumes	Act 108 269a.46	264.73(b)(1)	Section 3 & 4
II.S	Land Disposal Restrictions	268a.1	268	
II.T	Property Restrictions	269.42(d)		N.C.
II.U	Approved Plans		270.14	N.C.

PART III

STORAGE IN CONTAINERS

Part III of the permit sets forth conditions for storage in containers with which the Permittee must comply. Federal regulatory citations listed below refer to provisions of Title 40 of the Code of Federal Regulations (40 CFR) that have been incorporated by reference into Title 25 of the Pennsylvania Code (25 Pa. Code). NOTE: NC = NOT COVERED - the application is not required to cover this topic.

<u>Permit Condition</u>	<u>Subject</u>	<u>(25 Pa. Code)</u>	<u>40 CFR</u>	<u>Location in Application</u>
III.A	Waste Identification	264a.13	264.13	Section 7
III.B	Duration of Storage	Act 97		Section 4
III.C	Condition of Containers		264.171	Section 11
III.D	Placement Requirements		264.17 264.176 264.77	Section 11
III.E	Compatibility of Wastes With Containers		264.172	Section 11
III.F	Management of Containers	264a.173	264.173	Section 11
III.G	Containment		264.175	Section 11
III.H	Container Stacking Height, Width, and Depth	264a.173		Section 11
III.I	Inspections		264.174	Section 11
III.J	Special Requirements for Ignitable or Reactive Wastes	264a.173(1),(2)	264.176	Section 11
III.K	Special Requirements for Incompatible Wastes		264.177	Section 11
III.K.1	Placement of Incompatible Wastes		264.177(a)	Section 11

<u>Permit Condition</u>	<u>Subject</u>	<u>(25 Pa. Code)</u>	<u>40 CFR</u>	<u>Location in Application</u>
III.K.2	Incompatible Wastes in Unwashed Containers		264.177(264.177(b)	Section 11
III.K.3	Documentation		264.17(c)	Section 11
III.L	Weighing or Measuring	264a.180		Section 11
III.M	Operating Hours	264a.180		Section 4
III.N	Air Emission Standards		264.179	Sections 11 & 4
III.O	Landslide Monitoring and Remediation	269a.42(d)		Section 19
III.P	Waste Restriction	264a.13	264.13	N.C.

PART IV

TANK STORAGE/TREATMENT CONDITIONS

Part IV of the permit sets forth conditions for storage/treatment in tanks with which the Permittee must comply. Federal regulatory citations listed below refer to provisions of Title 40 of the Code of Federal Regulations (40 CFR) that have been incorporated by reference into Title 25 of the Pennsylvania Code (25 Pa. Code). NOTE: NC = NOT COVERED - the application is not required to cover this topic.

<u>Permit Condition</u>	<u>Subject</u>	<u>(25 Pa. Code)</u>	<u>40 CFR</u>	<u>Location in Application</u>
IV.A	Waste Identification	264a.13 264a.194	264.13	Section 12
IV.B	Duration of Storage	Act 97		Section 12
IV.C	Design and Construction of Tanks		264.192	Sections 4 & 12
IV.D	Protection from Overfilling		264.194(b)(2),(c) 264.195(a)	
IV.E	Secondary Containment		264.193	Section 12
IV.F	Emergency Repairs; Contingency Plan		264.196	Section 6
IV.G	Access Roads		270.14(b)(10)	Figure 202B
IV.H	Buffer Zone		264.198(b)	Figure 202B
IV.I	Equipment		264.192	Section 12
IV.I.1	Equipment Maintenance			
IV.I.2	Standby Equipment			
IV.J	Treatment of Wastes in Tanks		264.194(a)	Section 4
IV.K	Protection from Corrosion		264.192(f) 264.194(a)	Section 4

<u>Permit Condition</u>	<u>Subject</u>	<u>(25 Pa. Code)</u>	<u>40 CFR</u>	<u>Location in Application</u>
IV.L	Special Requirements for Ignitable or Reactive Wastes		264.17, 264.198	Section 7
IV.L.1	Special Requirements		264.198(a)	Section 7
IV.L.2	Documentation		264.17(c)	Section 7
IV.L.3	NFPA Requirements		264.198(b)	Section 7
IV.M	Special Requirements for Incompatible Waste		264.199	Section 7
IV.M.1	Incompatible Waste Precautions		264.199	Section 7
IV.M.2	Documentation		264.17(c)	
IV.N	Waste Analysis	264a.13	264.13	Section 7
IV.O	Weighing or Measuring	Act 108		
IV.P	Operating Hours			Section 4
IV.Q	Tank Construction or Installation		264.192(b)	Section 4
IV.Q.1	Inspections	264a.195	264.195	Section 4
IV.Q.2	Construction Practices		264.195(b)(3) 264.192(g)	Section 4
IV.Q.3	Quality Control Measures		264.192(a)-(g)	Section 4
IV.Q.4	Professional Engineer Certification		264.191(a), 264.192(g)	Section 3
IV.Q.5	Construction Schedule			Section 4
IV.R	Dust Control		264.31	Section 7
IV.S	Waste Tracking		264.31 264.193(b)(1)	

<u>Permit Condition</u>	<u>Subject</u>	<u>(25 Pa. Code)</u>	<u>40 CFR</u>	<u>Location in Application</u>
IV.T	Surface Water Management	102	264.193(e)	Section 4
IV.U	Air Emission Standards		264.200	Section 4
IV.V	Landslide Monitoring and Remediation	269a.42(d)		Section 19
IV.W	Inspections	264a.195	264.195	Section 12
IV.X	Waste Restriction	264a.13	264.13	N.C.

G. VARIANCES

Permit Condition IV.E. The variance from the requirement for Secondary Containment allows monitoring of six underground storage tanks subsurface vapor as an alternative to secondary containment. The tanks are required to undergo annual hydrostatic testing as well. These are steel tanks storing/ treating non-corrosive waste and have passed recent hydrostatic testing.

H. JUSTIFICATION OF PERMIT CONDITIONS

The regulations specify facility standards and require the permit writer to set specific conditions in the permit describing exactly how the Permittee is to comply with the regulatory standard. In certain instances, the regulations allow the Permittee alternative means for complying with a particular requirement. This section of the fact sheet will indicate either the permit conditions that specify which alternative the Permittee has chosen or the permit conditions that specify how to comply with specific 25 Pa. Code Chapter 260a-270a and 40 CFR 260-270 technical standards. In addition, a brief justification for each of these conditions will be provided.

Permit Condition	Description/Justification
II.C	DEP proposes to require specific waste analysis quality control/assurance and recordkeeping measures tailored to the activities at this facility.
II.M	DEP proposes to condition the liability insurance coverage requirement to not exclude environmental damage from landslides (a potential problem at this site). The Permittee has advised DEP that it has the insurance required by this condition.
II.R	Maximum daily volumes are being proposed based on storage/treatment capacity limitations.
II.T	Since the portion of the Permittee's property upslope of the waste management has landslide potential, DEP proposes to restrict its disturbance and use.
III.G	The Permittee has proposed to upgrade its containment pad to better control run-on and run-off, as well as extend a containment wall drainage system.
III.L and IV.O	DEP proposes to allow the Permittee to continue volumetric recording of incoming hazardous waste, as an alternative to installing scales.

Permit Condition	Description/Justification
III.O and IV.V	DEP proposes to require continued monitoring of movement and groundwater elevations of the adjacent /upslope landslide prone portion of the Permittee's property for determinations of land mass stability.
IV.E	The Permittee has proposed retrofitting the receiving basin (an in-ground tank) with a steel liner insert and interstitial monitoring to meet the hazardous waste secondary containment requirements.
IV.Q.5	The Permittee may not use the proposed double walled underground tank T-6 until installation certification is approved by DEP. Also, the Permittee is being given a schedule to install vapor/groundwater monitoring wells around the underground tanks without secondary containment as part of a proposed variance approval.
IV.T	The Permittee's consultant, BMS Environmental, developed a plan for improved drainage from the upslope portion of the Permittee's property that has landslide potential. DEP approved the plan and the Permittee completed the improvements in 2002 and should maintain the drainage structures in good order to further minimize landslide potential.
IV.U.	DEP proposes several measures to improve organic emissions control and monitor for such emissions, including compliance schedules for the Permittee to upgrade its facility to fully meet the hazardous waste organic air emission standards.
III.P. and IV.X	The Permittee requested approval to manage toluene contaminated groundwater from remediation projects, waste code U220. DEP proposed to permit this, subject to re-evaluation of needed changes to the Waste Analysis and Closure Plans and closure cost estimate.

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF LAND RECYCLING AND WASTE MANAGEMENT

**PERMIT
FOR
HAZARDOUS WASTE TREATMENT, STORAGE, AND/OR DISPOSAL FACILITY**

Permit No. PAD987283140

Date Issued _____

Date Expired _____

Under the provisions of the Pennsylvania Solid Waste Management Act of July 7, 1980, Act 97, a permit for hazardous waste treatment, storage, and/or disposal facility in (municipality) OHIO TOWNSHIP in the County of ALLEGHENY

is granted to (applicant) UNITED ENVIRONMENTAL GROUP, INC

(address) 241 McALEER ROAD

SEWICKLEY PA 15143

This permit is applicable to the facility named as UNITED ENVIRONMENTAL GROUP INC
241 McALEER ROAD, SEWICKLEY, PA 15143 and described as:

A STORAGE AND TREATMENT FACILITY LOCATED IN OHIO TOWNSHIP ALLEGHENY COUNTY PA
AT LATITUDE 40° 33' 18" NORTH AND LONGITUDE 80° 05' 16" WEST

This permit is subject to modification, amendment and supplement by the Department of Environmental Protection and is further subject to revocation or suspension by the Department of Environmental Protection for any violation of the applicable laws or the rules and regulations adopted thereunder, for failure to comply in whole or in part with the conditions of this permit and the provisions set forth in the application no. PAD987283140 which is made a part hereof, or for causing any condition inimical to the public health, safety or welfare.

See attachment for waste limitations and/or
special conditions

FOR THE DEPARTMENT OF
ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
PERMIT FOR HAZARDOUS WASTE STORAGE AND TREATMENT

Permittee: United Environmental Group, Inc.

Permit Number: PAD987283140

Facility: United Environmental Group, Inc., 241 McAleer Road, Sewickley, PA 15143

This permit is issued by the Commonwealth of Pennsylvania, Department of Environmental Protection (DEP) under authority of the Pennsylvania Solid Waste Management Act, the Act of July 7, 1980, Act 97, 35 P.S. §§ 6018.101, et seq. (the Act) and DEP hazardous waste regulations to United Environmental Group, Inc. (hereafter called the Permittee), to operate a storage and treatment facility located in Ohio Township, Allegheny County, PA, at latitude 40°33'18" North and longitude 80°05'16" West.

The Permittee must comply with all terms and conditions of this permit. This permit consists of the conditions contained herein (Parts I - IV, consisting of pages 1 through ____ and Attachments 1 through 7) and the applicable regulations contained in 25 Pa. Code Chapters 260a-270a, and as specified in the permit.

This permit is based on the assumption that the information submitted in the permit application attached to the Permittee's letter dated November 25, 1997 as modified by subsequent amendments dated June 10, 1998; December 8, 1999; July 14, 2000; November 28, 2000; and the slope monitoring plan dated June 19, 2003 (hereafter referred to as the application) is accurate and that the facility will be monitored and maintained as specified in the Application. Any inaccuracies found in this information may be grounds for the revocation or modification of this permit and potential enforcement action. The Permittee must inform DEP of any deviation from or changes in the information in the application which would affect the Permittee's ability to comply with the applicable regulations or permit conditions.

This permit is conditioned upon full compliance with all applicable provisions of the Act; Pennsylvania regulations contained in 25 Pa. Code Chapters 260a-270a; the Clean Streams Law, 35 P.S. §§ 691.1, et seq.; the Air Pollution Control Act, 35 P.S. §§ 4001, et seq.; the Dam Safety and Encroachments Act, 32 P.S. §§ 693.1, et seq.; the Surface Mining Conservation and Reclamation Act, 52 P.S. §§ 1396.1, et seq.; the Coal Refuse Disposal Control Act, 52 P.S. §§ 30.51, et seq.; all other Pennsylvania statutes related to the protection of the environment; and all Pennsylvania statutes related to the protection of public health, safety, and welfare and any Allegheny County Health Department Air Quality Permit or Plan Approval.

This permit is effective as of _____, 2003, and shall remain in effect until _____, 2013, unless modified, terminated or revoked in accordance with 25 Pa. Code §§ 270a.41, 270a.42 and 270a.43, or continued.

PART I - STANDARD CONDITIONS

A. EFFECT OF PERMIT

This permit authorizes only the management of hazardous waste expressly described in this permit and does not authorize any other waste management activities. Issuance of this permit does not convey property rights of any sort or any exclusive privilege; nor does it authorize any injury to persons or property, any invasion of other private rights, or any infringement of State or local laws or regulations. Compliance with the terms of this permit does not constitute a defense to any action brought under the Act or any other law governing protection of public health or the environment. If there is a conflict between the Application, its supporting documents and/or amendments and the terms and conditions of this permit, the terms and conditions shall apply.

B. PERMIT ACTIONS

This permit may be modified, terminated or revoked for cause as specified in 25 Pa. Code §§ 270a.41, 270a.42, and 270a.43 or suspended in accordance with the Act. The filing of a request for a permit modification, termination, or revocation or the notification of planned changes or anticipated noncompliance on the part of the Permittee does not stay or supersede the applicability or enforceability of any permit condition.

C. SEVERABILITY

The provisions of this permit are severable, and if any provision of this permit or the Application of any provision of this permit to any circumstance is held to be invalid, the Application of such provision to other circumstances and the remaining provisions of this permit shall not be affected thereby.

D. DEFINITIONS

For the purpose of this permit, terms used herein shall have the same meaning as those in Title 25 of the Pennsylvania Code (25 Pa. Code Chapters 260a-270a) unless this permit specifically states otherwise; where terms are not otherwise defined, the meaning associated with such terms shall be as defined by a standard dictionary reference or the generally accepted scientific or industrial meaning of the term. "The Department" is the Department of Environmental Protection of the Commonwealth of Pennsylvania.

E. REPORTS, NOTIFICATIONS AND SUBMISSIONS TO THE DEPARTMENT

All reports, notifications or other submissions which are required by this permit to be sent or given to the Department should be sent certified mail or given to:

Regional Manager
Waste Management
Pennsylvania Department of Environmental Protection
400 Waterfront Drive
Pittsburgh, PA 15222-4745

F. SIGNATORY REQUIREMENTS

All reports or other information requested by the Department shall be signed and certified as required by 40 CFR § 270.11 (incorporated by reference at 25 Pa. Code Chapter 270a).

G. DOCUMENTS TO BE MAINTAINED AT THE FACILITY

The Permittee shall maintain at the facility, until closure is completed and certified by an independent registered professional engineer, the following documents and amendments, revisions and modifications to these documents as required by 40 CFR Part 264 (incorporated by reference at 25 Pa. Code Chapter 264a) and this permit:

1. Waste analysis plan.
2. Personnel training documents and records.
3. Contingency plan.
4. Closure plan.
5. Annually-adjusted cost estimate for facility closure.
6. Operating record.
7. Inspection schedules and logs.
8. Documents required by Part I, Sections H.9 and 13; Part II, Sections E, G, H, J, and M of this permit.

H. DUTIES AND REQUIREMENTS

1. Duty to Comply. The Permittee shall comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Act and the regulations promulgated thereunder and is grounds for enforcement action; for permit revocation, revocation and reissuance, or modification; or for denial of a permit renewal application.
2. Duty to Reapply. If the Permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the Permittee must submit a complete application for a new permit at least 180 days before this permit expires.

3. Permit Expiration. This permit and all conditions therein will remain in effect beyond the permit's expiration date if the Permittee has submitted a timely, complete application and through no fault of the Permittee, the Department has not issued a new permit.
4. Need to Halt or Reduce Activity Not a Defense. It shall not be a defense for the Permittee in an enforcement action to argue that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
5. Duty to Mitigate. In the event of noncompliance with the Act, the regulations, or this permit, the Permittee shall take all necessary steps to prevent and abate any releases to the environment, and shall carry out such measures as are necessary to prevent significant adverse impacts on human health or the environment.
6. Proper Operation and Maintenance. The Permittee shall at all times properly operate and maintain all facilities and systems for storage, treatment and control (and related appurtenances) which are installed or used by the Permittee to achieve compliance with the Act, the regulations, and the conditions of this permit. Proper operation and maintenance shall include effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. The Permittee shall operate back-up or auxiliary facilities or similar systems if necessary to achieve compliance with the Act, the regulations and the conditions of the permit.
7. Duty to Provide Information. The Permittee shall furnish to the Department within a reasonable time, any relevant information which the Department may request to determine whether cause exists for modifying, terminating, or revoking this permit, or to determine compliance with this permit. The Permittee shall also furnish to the Department, upon request, copies of records required to be kept by the Permittee pursuant to the Act, the regulations, or any permit condition.
8. Inspection and Entry. The Permittee shall allow the Department, its agents and authorized representatives, upon the presentation of credentials and other documents as may be required by law, or without advance notice or a search warrant to:
 - a. Enter upon the Permittee's premises where a regulated facility or activity is located or conducted, or where records concerning the regulated facility or activity are kept;
 - b. Have access to and copy any records that must be kept under the conditions of this permit;
 - c. Inspect any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under the Act, the regulations, or this permit;
 - d. Sample or monitor any substances or parameters at any location for the purposes of assuring permit compliance or as otherwise authorized by the Act or the regulations; and

- e. Engage in any other activities necessary or appropriate to the documentation of events or conditions at any locations.

9. Monitoring and Records

- a. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity. The method used to obtain a representative sample of the waste to be analyzed must be the appropriate method from Appendix I of 40 CFR Part 261 or an equivalent method approved by the Department. Laboratory methods must be those specified in Appendix III of 40 CFR Part 261; Test Methods for Evaluating Solid Waste: Physical/Chemical Methods (U.S. EPA Document SW-846, most recent edition); Standard Methods for Examination of Water and Wastewater; or an equivalent method approved by the Department and as specified in the attached waste analysis plan (40 CFR Part 261 incorporated by reference at 25 Pa. Code Chapter 261a).
- b. The Permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports and records required by the Act, the regulations, or this permit (including slope monitoring, tank vapor and groundwater monitoring, and tank hydrostatic testing activities), and all records of all data used to complete the application for this permit for a period of at least 3 years from the date of the sample, measurement, report or record, or application. These periods may be extended by request of the Department at any time and are automatically extended during the course of any unresolved enforcement action regarding this facility.
- c. The Permittee shall, at a minimum, keep monitoring records which include the following information:
 - (1) The dates, exact place, and times of sampling or measurements;
 - (2) The individuals who performed the sampling or measurements;
 - (3) The dates analyses were performed;
 - (4) The individuals who performed the analyses;
 - (5) The analytical techniques or methods used; and
 - (6) The results of such analyses, sampling or measurements.

10. Reporting Planned Changes. The Permittee shall give notice to the Department as soon as possible of any planned physical alteration(s) or addition(s) to the permitted facility. This notice must include a description of all incidents of noncompliance reasonably expected to result from the proposed changes. The Permittee shall not modify the facility without first obtaining a permit from the Department.
11. Anticipated Noncompliance. The Permittee shall give advance notice of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
12. Transfer of Permits. This permit shall not be transferred or assigned to any other person or municipality, except as provided for by 40 CFR § 270.40, incorporated by reference at 25 Pa. Code § 270a.1.
13. Twenty-Four Hour Reporting. The Permittee shall report to the Department any noncompliance with the Act, the regulations or any condition of this permit or any occurrence or event at the facility which may endanger human health or the environment, including, but not limited to, significant landslide movement.
 - a. Information shall be provided orally within 24 hours from the time the Permittee becomes aware of the circumstances. This report shall include the following:
 - (1) Information concerning release or potential release of any hazardous waste from the facility that may endanger public drinking water supply sources.
 - (2) Any information of a release, potential release, or discharge of hazardous waste from the facility, or information of a potential or actual fire or explosion at the facility, which may threaten the environment or human health.
 - b. The description of the occurrence and its cause shall include:
 - (1) Name, address, and telephone number of the owner or operator;
 - (2) Name, address, and telephone number of the facility;
 - (3) Date, time, and type of incident;
 - (4) Name and quantity of material(s) involved;
 - (5) The extent of injuries, if any;
 - (6) An assessment of actual or potential hazards to the environment and human health at or near the facility; and
 - (7) Estimated quantity and disposition of recovered material that resulted from the incident.

- c. A written submission shall also be provided to the Department within 5 days of the time the Permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance (including exact dates and times); if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance. The Permittee need not comply with the 5 day written notice requirement if the Department extends it to 15 days.
 - d. Reporting under this condition does not absolve the Permittee of spill reporting requirements for generators under 25 Pa. Code § 262a.43.
14. Other Noncompliance. The Permittee shall report to the Department all other instances of noncompliance not otherwise required to be reported above, at the time monitoring reports are submitted. The reports shall contain the information listed in Permit Condition I.H.13.
15. Other Information. Whenever the Permittee becomes aware that it failed to submit any relevant facts in the permit application, or submitted incorrect information in a permit application or in any report to the Department, or whenever the Permittee becomes aware of circumstances which require a modification or clarification of any fact or representation made to the Department in connection with a permit application, it shall promptly submit such facts or information to the Department.

I. DOCUMENTS TO BE SUBMITTED PRIOR TO OPERATION

The Permittee shall submit construction certification documents to the Department for written approval prior to commencing use and/or operation of the following unit for hazardous waste management: Tank T-6

J. COMPLIANCE SCHEDULE REPORTING

The Permittee shall submit written reports of compliance or noncompliance with interim and final requirements contained in any compliance schedule of this permit to the Department no later than 14 days following each schedule date.

K. CERTIFICATION OF CONSTRUCTION OR MODIFICATION

The Permittee may not manage hazardous waste in proposed Tank T-6 until, and may only continue to manage hazardous waste in containers on the containment pad to be upgraded as indicated in Part III and the existing tanks to be retrofitted as indicated in Part IV if:

- 1. The Permittee has submitted to the Department by certified mail or hand delivery a letter signed by the Permittee and a registered professional engineer stating that the facility has been constructed or modified in compliance with the permit; and
- 2. The Department has inspected the modified or newly constructed facility and finds it is in compliance with the conditions of the permit; or

3. The Department has either waived the inspection or has not within 15 days notified the Permittee of its intent to inspect.

PART II - GENERAL FACILITY CONDITIONS

A. DESIGN AND OPERATION OF FACILITY

The Permittee shall maintain and operate the facility to minimize the possibility of a fire, explosion, or release of hazardous waste or hazardous constituents to air, soil, surface water, or groundwater or slope movement/landslide which could threaten human health or the environment.

B. GENERAL WASTE ANALYSIS

The Permittee shall follow the procedures described in the attached Waste Analysis Plan, Attachment 1. The Permittee shall verify its waste analysis as part of its quality assurance program, in accordance with current EPA practices (Test Methods for Evaluating Solid Waste: Physical/Chemical Methods SW-846, most recent edition) or non-EPA standards (e.g. ASTM) as applicable or equivalent methods approved by the Department in accordance with procedures in 40 CFR § 260.21 (incorporated by reference at 25 Pa. Code Chapter 260a); and at a minimum maintain proper functioning instruments, use approved sampling and analytical methods, verify the validity of sampling and analytical procedures, and perform correct calculations.

The Permittee shall submit applications to store and/or treat waste to the Department on forms approved by the Department that are individually certified. These applications shall be submitted to the Department prior to the Permittee accepting the waste.

C. SPECIFIC WASTE ANALYSIS

1. For wastes from large quantity generators, if a parameter equals or exceeds 80 percent of the regulatory limit for a hazardous waste characteristic not approved by this permit a minimum of three (3) additional sample analyses shall be performed for the parameter and a statistical evaluation for a hazardous waste determination shall be performed for the parameter to demonstrate that the waste does not exhibit the characteristic, otherwise the Permittee shall reject the waste.
2. For each source of hazardous waste received by the Permittee a waste profile form shall be completed as shown in Appendix A of this permit. Each form shall have a unique number of the format UEGH0001 for hazardous waste. The number shall also include the date the form is completed in the format MM/DD/YY. Any analytical results or supplemental information shall be attached to the form.
3. Source reduction strategies shall be received from industrial generators of waste streams that are generated on an ongoing basis and not considered clean-up waste.

4. In addition to any other records or documents retained at the permittee's facility as stated in Permit Condition No. I.G. the Permittee shall have available until closure of the facility the following documents for Department inspection:
 - a. Copies of all waste profile forms as shown in Appendix A of the Waste Analysis Plan.
 - b. Source reduction strategies for industrial generators.
 - c. Copies of all waste screening forms, i.e., waste fingerprint forms as shown in Appendix B of the Waste Analysis Plan.
 - d. Results of quality control checks.
 - e. Generator recertifications and analyses as described in Condition No. II.C.5.
 - f. Documentation stated in Condition No. II.C.7.
5. Off-site waste streams generated throughout the year shall be characterized at a minimum on a yearly basis by generator recertification and/or chemical analysis.
6. A new Waste Fingerprint form shall be used for each shipment of waste. If a waste shipment is rejected it must be indicated on the form along with the reason for rejection.
7. At a minimum, the following information shall be submitted with analytical testing results, whether or not the results are submitted to the Department:
 - A. Date(s) of sampling
 - B. Date(s) of testing
 - C. Method of Sampling. Unless otherwise allowed by the Department, volatile organic parameters shall be tested from grab samples.
 - D. Methods of Testing. The method shall be designated by the EPA, ASTM, or Standard Methods or otherwise approved by the Department.
 - E. Name, address and telephone number of laboratory performing the testing and name of authorized individual from the laboratory responsible for analytical results.
 - F. Quality assurance/quality control (QA/QC) procedures. Information concerning sample preservation and chain of custody shall also be included.
 - G. Any deviations in sampling and testing from the Waste Analysis Plan or sampling and testing methods shall be stated along with reasons for the deviations.

D. SECURITY

The Permittee shall comply with the security provisions of 40 CFR § 264.14 (incorporated by reference at 25 Pa. Code Chapter 264a).

E. GENERAL INSPECTION REQUIREMENTS

The Permittee shall remedy any deterioration or malfunction discovered by an inspection and maintain records of inspections as required by 40 CFR § 264.15 (incorporated by reference at 25 Pa. Code Chapter 264a).

F. PERSONNEL TRAINING

The Permittee shall conduct personnel training as required by 40 CFR § 264.16 (incorporated by reference at 25 Pa. Code Chapter 264a). This training program shall follow Attachment 3. The Permittee shall maintain training documents and records.

G. PREPAREDNESS AND PREVENTION

1. Required Equipment. At a minimum, the Permittee shall equip the facility with the equipment set forth in the PPC Plan, Attachment 4.
2. Testing and Maintenance of Equipment. The Permittee shall test and maintain the equipment specified in the previous permit condition and in Attachment 4 as necessary to assure its proper operation in time of emergency.
3. Access to Communications or Alarm System. The Permittee shall maintain access to the communications or alarm system as required by 40 CFR § 264.34 (incorporated by reference at 25 Pa. Code Chapter 264a).
4. Required Aisle Space. At a minimum, the Permittee shall maintain aisle space as required by 40 CFR § 264.35 (incorporated by reference at 25 Pa. Code Chapter 264a) and as shown on the plans and specifications.
5. Arrangements with Local Authorities. The Permittee shall maintain arrangements with State and local authorities as required by 40 CFR § 264.37 (incorporated by reference at 25 Pa. Code Chapter 264a). If State or local officials refuse to enter into or renew existing preparedness and prevention arrangements with the Permittee, the Permittee must document this refusal in the operating record.

H. PREPAREDNESS, PREVENTION AND CONTINGENCY (PPC) PLAN

1. Implementation of PPC Plan. The Permittee shall immediately carry out the provisions of the PPC Plan, Attachment 4, whenever there is a fire, explosion, emission or discharge of hazardous waste or hazardous waste constituents or slope movement/landslide which could threaten human health or the environment.
2. Copies of Plan. The Permittee shall comply with the requirements of 40 CFR § 264.53 (incorporated by reference at 25 Pa. Code Chapter 264a).

3. Amendments to Plan. The Permittee shall review and immediately amend, if necessary, the PPC Plan, as required by 40 CFR § 264.54 (incorporated by reference at 25 Pa. Code Chapter 264a).
4. Emergency Coordinator. The Permittee shall comply with the requirements of 40 CFR § 264.55 (incorporated by reference at 25 Pa. Code Chapter 264a).
5. Emergency Procedures. The Permittee shall comply with the requirements of 40 CFR § 264.56 (incorporated by reference at 25 Pa. Code Chapter 264a) and 25 Pa. Code § 264a.56.

I. RECORDKEEPING AND REPORTING

1. Operating Record. The Permittee shall maintain a written operating record at the facility in accordance with 40 CFR § 264.73 (incorporated by reference at 25 Pa. Code Chapter 264a).
2. Biennial Report. The Permittee shall comply with all applicable biennial report requirements of 40 CFR § 264.75 (incorporated by reference at 25 Pa. Code Chapter 264a) and 25 Pa. Code § 264a.75.
3. Required Reports. The Permittee shall comply with all applicable reporting requirements as described in Part I, Sections E, F and H, and Part II, Sections G, H, I and M of this permit.

J. CLOSURE

1. Performance Standard. The Permittee shall close the facility as required by 40 CFR § 264.111 (incorporated by reference at 25 Pa. Code Chapter 264a) and in accordance with the Closure Plan, Attachment 8.
2. Amendment to Closure Plan. The Permittee shall amend the Closure Plan in accordance with 40 CFR § 264.112(c) (incorporated by reference at 25 Pa. Code Chapter 264a) whenever necessary.
3. Notification of Closure. The Permittee shall notify the Department in writing at least 45 days prior to the date he expects to begin final closure of the facility.
4. Time Allowed for Closure. After receiving the final volume of hazardous waste, the Permittee shall remove from the site all hazardous waste and shall complete closure activities in accordance with the schedules specified in the Closure Plan, Attachment 8.

5. Disposal or Decontamination of Equipment. The Permittee shall decontaminate and/or dispose of all facility equipment and structures as required by the Closure Plan, Attachment 8.
6. Certification of Closure. The Permittee shall certify that the facility has been closed in accordance with the specifications in the Closure Plan as required by 40 CFR § 264.115 (incorporated by reference at 25 Pa. Code Chapter 264a), and 25 Pa. Code § 264a.115.

K. COST ESTIMATE FOR FACILITY CLOSURE

1. Annual Adjustment. The Permittee shall adjust the closure cost estimate for inflation within 60 days after each anniversary of the date on which the most recent previous cost estimate was submitted to the Department as required by 40 CFR § 264.142(b) (incorporated by reference at 25 Pa. Code Chapter 264a).
2. Adjustment for Changed Conditions. The Permittee shall revise the cost estimate whenever there is a change in the facility's closure plan or in the measures necessary to prevent adverse effects upon the environment as required by 40 CFR § 264.142(c) (incorporated by reference at 25 Pa. Code Chapter 264a).
3. Availability. The Permittee must keep at the facility the latest cost estimate as required by 40 CFR § 264.142(d) (incorporated by reference at 25 Pa. Code Chapter 264a).
4. Incapacity of Permittee or Financial Institutions. The Permittee shall comply with 40 CFR § 264.148 (incorporated by reference at 25 Pa. Code Chapter 264a) and 25 Pa. Code § 264a.148 whenever necessary.

L. BONDING REQUIREMENT

The Permittee shall maintain the bond submitted to and approved by the Department. The Permittee shall comply with all applicable bond replacement requirements of 25 Pa. Code § 264a.158.

M. LIABILITY INSURANCE

The Permittee shall comply with the liability insurance requirements of 40 CFR § 264.147(a) (incorporated by reference at 25 Pa. Code Chapter 264a). These include the requirements to have and maintain liability coverage for sudden pollutional occurrences in the amount of at least \$1 million per occurrence with an annual aggregate of at least \$2 million, exclusive of legal defense costs. The Permittee shall submit new certificates of liability insurance 60 days prior to the expiration of the current certificate. The liability insurance policy required by this condition shall not exclude environmental damage caused by landslides.

N. REQUIRED NOTICES

1. Notice to The Department. The Permittee shall notify the Department in writing at least 4 weeks in advance of the date the Permittee expects to receive hazardous waste from a foreign source. Notice of subsequent shipments of the same waste from the same foreign source is not required.
2. Notice to Generator. When the Permittee plans to receive hazardous waste from an off-site source (except where the Permittee is also the generator), he must inform the generator in writing that he has the appropriate permits for, and will accept, the waste the generator is shipping. The Permittee must keep a copy of this written notice as part of the operating record. (See Permit Condition II.H.1).

O. GENERAL REQUIREMENTS FOR IGNITABLE, REACTIVE, OR INCOMPATIBLE WASTE

The Permittee shall comply with the requirements of 40 CFR § 264.17 (incorporated by reference at 25 Pa. Code Chapter 264a).

P. MANIFEST SYSTEM

The Permittee shall comply with the manifest requirements of 40 CFR §§ 264.70 - 264.72 (incorporated by reference at 25 Pa. Code Chapter 264a) and 25 Pa. Code § 264a.71.

Q. ACT 108 REQUIREMENTS

1. The Permittee shall submit copies of all air and water quality monitoring data for the facility conducted by the Permittee to Ohio Township as required by Section 304(a)(2) of Act 108.
2. The Permittee shall sample and analyze private drinking water supplies as required by Section 304(c)(1) of Act 108.
3. The Permittee shall pay a benefit fee to Ohio Township in the amount specified in Section 306(b) of Act 108. Payments shall be made in accordance with the timing in Section 307 of Act 108. The Permittee is subject to the benefit fee collection and enforcement provisions of Section 308 of Act 108.

R. MAXIMUM DAILY VOLUMES

The Permittee shall limit the amount of hazardous waste received at the facility to 10,000 gallons of bulk waste and 160 55-gallon drums of containerized waste for any given day.

S. LAND DISPOSAL RESTRICTIONS

The Permittee shall comply with standards under 40 CFR Part 268 (incorporated by reference at 25 Pa. Code Chapter 268a, except where stated at 25 Pa. Code § 268a.1) applicable to hazardous waste storage and treatment facilities.

T. PROPERTY RESTRICTIONS

The Permittee shall not excavate, clear or otherwise disturb the portion of its property upslope from the waste management areas and operations/office buildings without written Department approval, other than continued use of the existing equipment storage area and slope monitoring and drainage ditch maintenance. The Permittee shall notify the Department at least fourteen (14) days prior to commencement of containment wall extension work (referring to Permit Condition III.G).

U. APPROVED PLANS

The following plans and drawings are approved as part of this permit:

Figure 202B	Existing Site Plans	7/12/00
Figure 202A	Proposed Facility Improvements	7/11/00
Figure 202C	Detail Drawings	7/12/00
Figure 202F	Run On Management	7/10/00
Figure 202D	United Environmental Group Topo	7/00
Figure 102M	Existing Operation Diagram 6" and 2" Piping	6/8/00
Figure 202P	Proposed Operation Diagram 6" and 2" Piping	7/6/00
Figure 102L	Proposed Process Flow Diagrams	6/15/00
Figure 102Q	Air Emission Controls	6/12/00

Revisions to these drawings should be submitted in duplicate to the Department, unless otherwise specified.

PART III - STORAGE IN CONTAINERS

A. WASTE IDENTIFICATION

The Permittee may store the following wastes in containers at the facility, subject to the terms of this permit:

D001	Gasoline/water mixtures, jet fuel mixtures and light end distillates
D006	Tank Bottom Sludge
D007	Tank Bottom Sludge
D008	Tank Bottom Sludge
D018	Gasoline containing liquids and solids
U220	Toluene contaminated groundwater (subject to provisions of Condition III.P)

B. DURATION OF STORAGE

The Permittee shall not store containers of hazardous waste at this facility in excess of one year unless documentation is provided that demonstrates that the waste will be processed or otherwise removed from the facility within a specified timeframe and in accordance with applicable regulations. The Permittee may store its own generated waste in the permitted areas noted below for up to one year.

C. CONDITION OF CONTAINERS

If a container holding hazardous waste is not in good condition (e.g., severe rusting, apparent structural defects) or if it begins to leak, the Permittee shall transfer the waste from such container to a container that is in good condition or otherwise manage the waste in compliance with the conditions of this permit.

D. PLACEMENT REQUIREMENTS

Containers will be placed in three areas as shown on Drawing 202B. Within one year from the effective date of this permit, the locations shall conform to Drawing 202A.

Haz1	115 square feet, 80, 55-gallon drums
Haz2	115 square feet, 80, 55-gallon drums
Haz3	115 square feet, 80, 55-gallon drums

E. COMPATIBILITY OF WASTES WITH CONTAINERS

The Permittee shall assure that the ability of the container to contain the waste is not impaired as required by 40 CFR § 264.172 (incorporated by reference at 25 Pa. Code Chapter 264a).

F. MANAGEMENT OF CONTAINERS

The Permittee shall manage all containers as required by 40 CFR § 264.173 (incorporated by reference at 25 Pa. Code Chapter 264a) and 25 Pa. Code § 264a.173. Additionally, for those containers that the Permittee applies its own label, the original generator must still be identified on the container.

G. CONTAINMENT

The Permittee shall construct and/or maintain the containment system as required by 40 CFR § 264.175 (incorporated by reference at 25 Pa. Code Chapter 264a) and the attached plans and specifications, Attachment 6 and Drawing 202B. Within one year from the effective date of this permit, the Permittee shall upgrade the pad with french drain catch basins, containment wall extension and wide rolled curb as shown on Drawings 202A, 202C and 202F. Upon completion of this upgrade, the Permittee shall submit a certification of construction pursuant to Permit Condition I.K. The containment area pad shall be uniform and free from cracks or holes.

H. CONTAINER STACKING HEIGHT, WIDTH, AND DEPTH

The Permittee shall store containers of hazardous waste as required by 25 Pa. Code § 264a.173 and the attached plans and specifications, Attachment 6.

I. INSPECTIONS

The Permittee shall inspect each storage area subject to this permit as required by 40 CFR 264.174 (incorporated by reference at 25 Pa. Code Chapter 264a) and Attachment 6

J. SPECIAL REQUIREMENTS FOR IGNITABLE WASTES

The Permittee shall not locate containers holding ignitable wastes within 15 meters (50 feet) of the facility's property line.

K. SPECIAL REQUIREMENTS FOR INCOMPATIBLE WASTES

1. Placement of Incompatible Wastes. Placement of incompatible waste and/or materials in the same container is prohibited.
2. Incompatible Wastes in Unwashed Containers. The Permittee shall not place hazardous waste in an unwashed container that previously held an incompatible waste or material.
3. Documentation. The Permittee must document compliance with Sections (1) and (2) of this condition as required by 40 CFR § 264.17(c) (incorporated by reference at 25 Pa. Code Chapter 264a).

L. WEIGHING OR MEASURING

The Permittee shall provide, maintain, and operate weighing or measuring facilities as required by 25 Pa. Code § 264a.180 or otherwise ensure the accurate measurement of the volumes/weights on incoming shipments of hazardous waste.

M. OPERATING HOURS

The Permittee shall maintain at the entrance to the facility a sign displaying the hours of operation. The lettering shall be a minimum of four inches in height and of a color contrasting with its background.

N. AIR EMISSION STANDARDS

The Permittee shall manage all hazardous waste placed in a container in accordance with 40 CFR § 264.179 (incorporated by reference at 25 Pa. Code Chapter 264a). Containers shall remain closed except when adding or removing waste.

O. LANDSLIDE MONITORING AND REMEDIATION

1. The Permittee will retain a registered professional engineer to monitor the inclinometers B-1 through B-4 and Wells B-2, B-5 and B-6 at a minimum monthly frequency (or such time that would be prudent when considering factors such as upslope development rate, erosion of the hillside and rainfall frequency). In accordance with Attachment 9 the Permittee shall submit inclinometer monitoring reports to DEP within 15 days of availability. This engineer will also immediately determine if the potential for significant landsliding is imminent, based on inclinometer/well readings and field observations, and if necessary will direct the commencement of actions necessary to prevent the compromise of hazardous waste control structures including #2 below.
2. The necessary action for containerized waste will be to remove all hazardous waste containers to off-site facilities authorized to manage such waste and notify DEP. If a slide mass can be identified visually, excavation of the material from the head (top) of the slide should commence immediately.

P. WASTE RESTRICTION

The Permittee may not store U220 waste until submission and Department approval of revisions to the Waste Analysis Plan, Closure Plan and closure cost-estimate (addressing any necessary bond increase caused by off-site disposal of U220).

PART IV - STORAGE/TREATMENT IN TANKS

A. WASTE IDENTIFICATION

The Permittee may store/treat the following waste in tanks, subject to the terms of this permit:

<u>Tank Nos. & Types/Capacity</u>			<u>Waste Description</u>	<u>Waste Code</u>
T-6	Steel	20,000 gals.	Waste and storm water receiving/ retention tank	D001, D006, D007, D008, D018, U220*
T-1	Steel	8,000 gals.	Wastewater process tank	
T-2	Steel	8,000 gals.	Wastewater process tank	
T-3	Steel	10,000 gals.	Wastewater process tank	
T-4	Steel	8,000 gals.	Wastewater equalization unit	
P-1	Concrete	1,900 gals.	Wastewater receiving basin	
P-2	Steel	2,000 gals	Oil/water separator	
P-3	Steel	8,415 gals.	Wastewater bio unit	
P-4	Steel	2,000 gals	Wastewater settling tank	
P-5	Steel	N/A	Wastewater carbon adsorption unit	
*U220 Toluene contaminated groundwatersubject to provisions of Condition IV.X.				

B. DURATION OF STORAGE

The Permittee shall not store hazardous wastes in tanks at this facility in excess of one year.

C. DESIGN AND CONSTRUCTION OF TANKS

The Permittee shall construct, modify, and maintain all tanks in accordance with the plans and specifications in Attachment 7. The Permittee shall maintain the minimum shell thickness specified below at all times to ensure sufficient structural strength.

Minimum shell thickness of 0.25 inches for steel tanks. P-1 receiving basin: 4 inch concrete lined with 0.1875 inch steel liner (see Permit Condition IV.E).

D. PROTECTION FROM OVERFILLING

The Permittee shall prevent overfilling of tanks by the methods specified in Attachment 7.

E. SECONDARY CONTAINMENT

The Permittee shall construct and/or maintain the containment structures as required by 40 CFR § 264.193 (incorporated by reference at 25 Pa. Code Chapter 264a) and the attached plans and specifications in Attachment 7, or monitor the subsurface vapor for waived tanks as specified in Attachment 7. Within one year from the effective date of this permit, the Permittee shall install a steel liner insert and interstitial monitoring in receiving basin P-1 as shown on Drawing 202-C. Upon completion of this upgrade, the Permittee shall submit a Certification of Construction pursuant to Permit Condition I.K.

F. EMERGENCY REPAIRS; CONTINGENCY PLAN

In accordance with the requirements of 40 CFR § 264.196 (incorporated by reference at 25 Pa. Code Chapter 264a), the Permittee shall:

1. Inspect tanks whenever there is any indication of a possible failure.
2. Remove the tank from service whenever there is evidence of tank failure, and implement the procedures specified in the PPC Plan, Attachment 4.
3. Repair the tank and obtain a certification from a registered professional engineer that it meets the design specifications approved in this permit prior to restoring it to service.
4. Close a tank if it has been removed from service due to failure and is not repaired.

G. ACCESS ROADS

The Permittee shall construct and/or maintain access roads as described in the plans and drawings referenced in this permit.

H. BUFFER ZONE

The Permittee shall establish and maintain a buffer zone of 50 feet between the property line and the permitted facility within which no solid waste treatment, storage, or disposal activities shall occur.

I. EQUIPMENT

1. Equipment Maintenance. The Permittee shall maintain tank operating equipment in operable condition and adequate in size and performance capability to assure that the facility operation will not be interrupted during normal working periods and that the facility operation is in accordance with this permit.
2. Standby Equipment. The Permittee shall maintain standby equipment on-site or readily available for use in the event of a major equipment breakdown or slope movement that warrants the removal of waste from the facility.

J. TREATMENT OF WASTES IN TANKS

1. Tanks T-1 through T-4 are used for wastewater blending of effluent from Tanks T-6 or P-1 prior to discharge to biological treatment.
2. Tank P-2 is used for oil/water separation from wastewaters received in Tanks T6 or P1 per Attachment 7.
3. Tank P-3 is used for fixed film biological treatment of organic wastes from the wastewaters received in Tanks T6 or P1 and pre-processed in Tanks T-1 through T-4 and P-2 per Attachment 7.

4. Tanks P-4 and P-5 are used for gravity separation of Tank P-3 sludge and Tank P-3 effluent VOC treatment, respectively.

K. PROTECTION FROM CORROSION

The Permittee shall protect tanks from accelerated corrosion, erosion, and abrasion as specified in Attachment 7. The steel insert for receiving basin P-1 shall be epoxy coated.

L. SPECIAL REQUIREMENTS FOR IGNITABLE WASTES

1. Special Requirements. The Permittee shall not place ignitable waste in a tank unless the procedures described in Attachment 7 are followed.
2. Documentation. The Permittee shall document compliance with the above permit condition as required by 40 CFR § 264.17(c) (incorporated by reference at 25 Pa. Code Chapter 264a) and place this documentation in the operating record (Permit Condition II.H.1).
3. NFPA Requirements. The Permittee shall comply with the applicable requirements for covered tanks listed in the National Fire Protection Association's "Flammable and Combustible Liquids Code, 1990", or latest revised edition.

M. SPECIAL REQUIREMENTS FOR INCOMPATIBLE WASTE

1. Incompatible Waste Precautions. The Permittee shall not place incompatible wastes in the same tank or place waste in an unwashed tank that previously held an incompatible waste or material.
2. Documentation. The Permittee shall document compliance with the above permit condition as required by 40 CFR § 264.17(c) (incorporated by reference at 25 Pa. Code Chapter 264a) and place this documentation in the operating record (Permit Condition II.H.1).

N. WASTE ANALYSIS

The Permittee shall conduct waste analyses as required by the Waste Analysis Plan, Attachment 1, before chemically treating or storing a waste which is substantially different from waste previously treated or stored in a tank or before chemically treating waste with a substantially different process than previously used in a tank. The analyses, tests, and information shall be placed in the operating record (Permit Condition II.H.1).

O. WEIGHING OR MEASURING

The Permittee shall accurately measure the volumes or weights of incoming hazardous waste.

P. OPERATING HOURS

The Permittee shall maintain at the entrance to the facility a sign displaying hours of operation. The lettering shall be a minimum of four inches in height and of a color contrasting with its background.

Q. TANK CONSTRUCTION OR INSTALLATION

1. Inspections. The Permittee shall inspect the tank for uniformity, damage and imperfections during construction or installation.
2. Construction Practices. The Permittee shall use best engineering construction practices during all phases of installation and construction.
3. Quality Control Measures. The Permittee shall use the quality control measures and tests specified in Attachment 7 to insure that installation and construction conform to the design materials and construction specifications approved in this permit.
4. Professional Engineer Certification. The Permittee shall obtain a written certification from a registered professional engineer for each phase of installation or construction as required by 40 CFR § 264.192(a) (incorporated by reference at 25 Pa. Code Chapter 264a). Each certification shall be submitted to the Department in accordance with the construction schedule, Permit Condition IV.Q.5 and the provisions set forth in Permit Condition I.K.
5. Construction Schedule. The Permittee shall modify, construct or install the tank systems in accordance with the following schedule:
 - A. No hazardous waste may be stored in Tank T-6 prior to Department approval of the certification of the installation and testing of this tank.
 - B. Vapor and groundwater monitoring wells will be installed by December 31, 2003 per Attachment 7.

R. DUST CONTROL

The Permittee shall prevent dust from hampering site operations or from causing health or safety hazards or nuisances.

S. WASTE TRACKING

The Permittee shall minimize or eliminate the tracking of waste within or outside the site.

T. SURFACE WATER MANAGEMENT

The Permittee shall manage surface water on the site as required by 25 Pa. Code Chapter 102 and 40 CFR § 264.193 (incorporated by reference at 25 Pa. Code Chapter 264a). The Permittee shall maintain the upslope drainage ditches and related structures as indicated in the June 18, 2002 BMS Environmental plan.

U. AIR EMISSION STANDARDS

The Permittee shall manage all hazardous waste placed in a tank in accordance with 40 CFR § 264.200 (incorporated by reference at 25 Pa. Code Chapter 264a), and as required below:

1. The Permittee shall conduct quarterly VOC monitoring (via PID or FID meters) of the carbon adsorption vapor control unit exhaust stack to confirm the absence of VOC breakthrough. Records of monitoring and carbon change-outs shall be maintained in the facility operating record.
2. Within one year from the effective date of this permit, the Permittee shall connect Tanks P-1, P-2, T-1 through T-4 to the carbon adsorption vapor control unit and pressure vacuum/ conservation vents (individually or on a manifold/header).
3. Within one year from the effective date of this permit, the Permittee shall install a 30 mil thick Hypalon liner (or other cover approved by the Department) on Tank P-1.
4. Within one year from the effective date of this permit, the Permittee shall install a cover on Tanks P-3 through P-4, and vent vapors from P-4 and P-5 to the carbon adsorption vapor unit.

The Permittee shall submit a Certification of Construction for items U.2 - U.4 in accordance with permit Condition I.K.

V. LANDSLIDE MONITORING AND REMEDIATION

1. The Permittee will retain a registered professional engineer to monitor the inclinometers B-1 through B-4 and Wells B-2, B-5 and B-6 at a minimum monthly frequency (or such time that would be prudent when considering factors such as upslope development rate, erosion of the hillside and rainfall frequency), in accordance with Attachment 9. The Permittee shall submit inclinometer monitoring reports to the Department within 15 days of availability. This engineer will also immediately determine if the potential for significant landsliding is imminent, based on inclinometer/well readings and field observations, and if necessary will direct the commencement of actions necessary to prevent the compromise of hazardous waste control structures including #2 below.
2. The necessary action for tank waste will be to collect and transport all bulk hazardous waste to off-site facilities authorized to manage such waste and notify DEP. Then all other waste will be removed from the site. If a slide mass can be identified visually, excavation of material from the head (top) of the slide should commence immediately.

W. INSPECTIONS

The Permittee shall inspect all tanks in accordance with 40 CFR § 264.195 (incorporated by reference at 25 Pa. Code Chapter 264a), 25 Pa. Code § 264a.195 and Attachment 2. All underground storage tanks without secondary containment (P1, P2, T1 - T4) shall undergo hydrostatic testing on at least an annual basis. Tanks that fail this test shall be taken out of service until repairs are made per Condition IV.F. The Permittee shall maintain copies of the test results in the facilities operating record.

X. WASTE RESTRICTION

The Permittee may not store or treat U220 waste until it has submitted and the Department approved, revisions to its Waste Analysis Plan, Closure Plan and closure cost estimate (and any necessary bond increase) addressing off-site disposal of U220 and residue from the treatment of U220.

LIST OF ATTACHMENTS

1. Waste Analysis Plan
2. Training Plan
3. PPC Plan
4. Container Management Plan
5. Tank System Management Plan
6. Closure Plan
7. Slope Monitoring Plan